

REMARKS

Applicants wish to thank the Examiner for participating in the case interview. During the case interview, Applicants' representative and the Examiner discussed proposed claim amendments regarding registration information required for the Internet connection.

Claims 1-16 are currently pending in the application. Claims 1, 9, 11, 13, 15, and 16 have been amended. Support for the amended claims can be located beginning at page 3, line 25 to page 4, line 22 and page 25, lines 1-24 of the specification of the present invention.

Applicants have amended the title of the invention and a paragraph of the specification.

On page 2 of the Office Action, claims 1-16 were rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,785,716 (Nobakht).

Nobakht is directed to a channel-based network for accessing the Internet including a system server and one or more user terminals, which are also connected via the Internet. The system server stores a master channel table that includes a list of channel numbers wherein each channel number has an associated Internet address and an associated Internet site name.

The present invention performs initial registration of Internet start-up procedure in IA terminals such as a refrigerator or oven that are connectable with the Internet. To clarify, Applicants have amended the claims to indicate that the information stored in an "IA terminal user storing unit" is registration information required for the Internet connection.

By its language, 35 U.S.C. § 102 requires that *each and every element* of a claim be present in a single cited reference to properly have the reference anticipate the claim. *See In re Bond*, 910 F.2d 831, 15 USPQ2d 1566, 1567 (Fed. Cir. 1992), *citing Diversitech Corp. v. Century Steps, Inc.*, 850 F.2d 675,677, 7 USPQ2d 1315, 1317 (Fed. Cir. 1988); *Lindemann Maschinenfabrik v. American Hoist & Derrick Co.*, 730 F.2d 1452, 1458, 221 USPQ 481, 485 (Fed. Cir. 1984); *Minnesota Mining & Manufacturing Co. v. Johnson & Johnson Orthopaedics, Inc.*, 976 F.2d 1559, 24 USPQ2d 1321, 1326 (Fed. Cir. 1992); and *Elmer v. ICC Fabricating Inc.*, 67 F.3d 1571, 36 USPQ2d 1417, 1419 (Fed. Cir. 1995).

Applicants respectfully submit that independent claims 1, 9, 11, 13, 15, and 16 are patentable over Nobakht, as Nobakht fails to disclose each and every element of the claims. For example, the above-identified independent claims of the present invention are patentable over Nobakht, as Nobakht fails to disclose, "a transmission and receiving unit on the side of the IA terminal user management system, transmitting and receiving the user registration information to and from the IA terminal, and requests the IA terminal to input the user registration information."

On page 3 of the Office Action, the Examiner alleges that Nobakht's input devices such as remote control 202 and wireless keyboard 203 are analogous to the present invention's "transmission and receiving unit on the side of the IA terminal user management system. . . ."

Applicants respectfully submit that Nobakht's remote control 202 and wireless keyboard 203 are not "on the side of the IA terminal user management system," as in the present invention. Nobakht clearly indicates that both the remote control 202 and the wireless keyboard 203 are on the side of the *user terminal 130-A*, not on a side of an IA terminal user management system. See FIG. 2, which, according to Nobakht, is a "block diagram showing a *user terminal* of the channel-based network. . . ." See also, column 2, lines 49-51. Further, Nobakht clearly states that each input device must be capable of providing Unicode symbols to set-top box 131, which is on the side of the *user terminal*, not on a side of an IA terminal user management system. See FIG. 1.

Further still, the input devices in Nobakht do not receive user registration information from an IA terminal. That is, in Nobakht, a user management system is not provided that includes a transmission and receiving unit that receives user registration information from an IA terminal. The input devices merely provide symbols to a set-top box on the side of the user terminal. Moreover, one of ordinary skill in the relevant art would readily appreciate that input devices such as those identified above input data and do not receive data.

Applicants respectfully submit that the server in Nobakht does not receive information from a user terminal. Rather, each user terminal downloads and stores a local copy of the master channel table from the server. See Nobakht, Abstract.

Further, the Examiner cited column 6, line 37 – column 7, line 36, of Nobakht as corresponding to the "IA terminal user storing unit" of claim 1 of the present invention. Applicants respectfully submit that the information referenced in the cited section is the information stored not in server 110 but in terminal 130 A-D. Claim 1 is directed to an "IA terminal user management system," which is a server.

Server 110 of Nobakht, however, does not store information corresponding to a number or mark of a manufacturer as in the present invention. Set-top box 131 is a terminal that stores manufacturer data.

In light of the foregoing, independent claims 1, 9, 11, 13, 15 and 16 are patentable over Nobakht, as Nobakht fails to disclose, "a transmission and receiving unit on the side of the IA terminal user management system, transmitting and receiving the user registration information to and from the IA terminal."

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As the dependent claims depend from respective independent claims, the dependent claims are patentable over the references for at least the reasons presented for the independent claims.

If there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Date: 2-28-07

By: 

Reginald D. Lucas

Registration No. 46,883

1201 New York Ave, N.W., 7th Floor
Washington, D.C. 20005
Telephone: (202) 434-1500
Facsimile: (202) 434-1501